

80. (Amended) The flow-through device of Claim 72, 73, 74, 75, 76 or 77 in which the capture polynucleotide is covalently immobilized on the porous substrate via its 5'- or 3'-terminal residue.

81. (Amended) The flow-through device according to Claim 72, 73, 74, 75, 76

82. (Amended) A method of capturing a target nucleic acid from a sample, said method comprising flowing a sample containing or suspected of containing a target nucleic acid through a flow-through device according to Claim 72, 73, 74, 75, 76 or 77 under conditions wherein said target nucleic acid and capture polynucleotide hybridize to one another to form a hybridized complex, thereby capturing the target nucleic acid.